DOVE.

SPECULUM ANNI

OR AN

ALMANACK

For the Year of our

LORD GOD

1699.

Being the Third after Biſſextile or Leap-year, and from the worlds Creation 5701.

Wherein is contained an account of ſeveral Saints as they are in the Breviary, the Planets, Eclipſes, Terms both at *London* and *Cambridge*, Inclination of the Air, and other things of note.

Calculated properly for the famous Univerſity and Town of *Cambridge* where the North Pole is Elevated above the Horizon 52 degr. and 12 min.

But may indifferently ſerve for any Place within this Kingdom.

Cunctis qui placeat, non credo quòd modò vivat.

CAMBRIDGE,

Printed by *John Hayes* Printer to the Univerſity, 1699.

The Vulgar Notes and moveable Feasts for this Year 1699, in both Accounts, *viz.*

Julian or English.			*Gregorian* or Forreign.	
	9	The Golden Number	9	
	G	The Dominical Letter	D	
	9	The Epact	9	
	28	The Cycle of the Sun	28	
Febr.	19	Shrove-Sunday	March	1
April	9	Easter-day	April	19
May	18	Ascension-day	May	28
May	28	Whitsunday	June	7
Decemb.	3	Advent-Sunday	Novemb.	29

A Table of the Terms with their Returns.

Hilary Term begins January 23, and ends February 13, and hath 4 returns, *viz.*	Octab. Hilar.	Jan.	20
	Quind. Hilar.	Jan.	27
	Craft. Purif.	Febr.	3
	Octab. Purif.	Febr.	10
Easter Term begins April 26, ends May 22 and hath 5 returns, *viz.*	Quind. Pasch.	April	24
	Tres Pasch.	May	1
	Mens. Pasch.	May	8
	Quinq. Pasch.	May	14
	Craft. Ascen.	May	19
Trinity Term begins June 9, and ends June 28, and hath 4 returns, *viz.*	Craft. Trin.	June	5
	Octab. Trin.	June	12
	Quind. Trin.	June	19
	Tres Trin	June	26
Michaelmas Term begins October 23, and ends November the 28, and hath 6 returns, *viz.*	Tres Mich.	Octob.	20
	Mens. Mich.	Octob.	27
	Craft. Anim.	Novem.	3
	Craft. Mart.	Novem.	13
	Octab. Mart.	Novem.	18
	Quind. Mart.	Novem.	25

The Scarlet days in the Univerſity of *Cambridge*, are as followeth.

All Saints, Chriſtmas, Eaſter, Aſcenſion, Whitſun day, &
Trinity-Sunday, Commencement, and the 29 of May;
At the two Fairs proclaiming in June and September,
The Feaſt of Saint Michael, and the 5 of November,
To Funerals, Churchings and to Supplications,
All Doctors go as to Congregations.

That is in their Robes.

To the Reader.

WHereas formerly the right-hand Page of this Almanack, *was for the moſt part empty; it ſhall hereafter be filled with ſome ſhort account of, or reflection on the ſeveral Saints, whoſe Names fill up the Third Column of the left-hand Page, and which few know any thing of, (and God be thanked that we have not the occaſion of knowing them, which ſome have) but yet a little knowledge of them may not be amiſs to ſatisfie our curioſity, and let us ſee what a burthen of Feſtivals we are delivered from, which others ſtill groan under. I will be as brief as I can, and ſuch as will not now come within the compaſs of that part of this* Almanack *prepared for that purpoſe, ſhall hereafter; ſo that thou may'ſt hope to have this ſmall Purchaſe ſoon eke'd out with Twelve penny worth of Hiſtory. The* Almanacks *(I find) differ in their Saints, and therefore for ſureneſs, and that one may be thruſt out with a* Term begins, *or the like; I will add ſome new every year.*

Farewell.

A brief Concordance of Years with some memorable things since the beginning of the Reign of Queen *Elizabeth*.

Anno Dom.	*An. Re.*	*Mund.*	
1558	1	141	A Parliament called.
1559	2	140	Monasteries suppressed.
1560	3	139	Wars with *Scots* and *French*.
1561	4	138	*Paul's* Church-steeple burnt.
1562	5	137	Tempest and Earthquake.
1563	6	136	20000 died of the Plague in *London*.
1564	7	135	*Thames* frozen.
1565	8	134	Peace with *France*.
1566	9	133	King *James* born.
1567	10	132	Royal Exchange finished.
1568	11	131	A dry Summer.
1569	12	130	Rebellion in the North.
1570	13	129	Wars with *Scotland*.
1571	14	128	Earthquake in *Herefordshire*.
1572	15	127	Massacre in *France*.
1573	16	126	Earl of *Essex* goes to *Ireland*.
1574	17	125	Counterfit Spirits punished.
1575	18	124	An Earthquake.
1576	19	123	*Forbisher's* North Voyage.
1577	20	122	Infection at *Oxford* Assizes.
1578	21	121	A great Snow.
1579	22	120	A curious Lock Smith.
1580	23	119	Great Earthquake and Blazing Star.
1581	24	118	Three *Jesuits* executed.
1582	25	117	New Calendar began.
1583	26	116	Earthquake in *Dorsetshire*.
1584	27	115	*Nantwich* burnt.
1585	28	114	Tobacco first used in *England*.
1586	29	113	Ludgate new built.
1587	30	112	Blackwell Hall new built.

Spain's

1588	31	111	*Spain*'s Armado overthrown.
1589	32	110	Duke of *Guiſe* murthered.
1590	33	109	Blaſphemous *Hacket* hanged.
1591	34	108	*Eaſt-India* Company began.
1592	35	107	The *Thames* almoſt dry.
1593	36	106	10636 died of the Plague in *London*.
1594	37	105	Great Tempeſt.
1595	38	104	Scarcity of Corn.
1596	39	103	Earl of *Eſſex* takes *Cadiz* in *Spain*.
1597	40	102	Wheat 13 ſhillings a Buſhel.
1598	41	101	Great Tempeſts and Froſt.
1599	42	100	Earl of *Eſſex* goes to *Ireland*.
1600	43	99	Embaſſadors from *Ruſſia* and *Barbary*.
1601	44	98	Earl of *Eſſex* beheaded.
1602	45	97	Queen *Elizabeth* dieth at *Richmond*.
1602			K. *James* I. began *March* 24. 1602.
1603	1	96	30578 die of the Plague in *London*.
1604	2	95	Peace with *Spain*.
1605	3	94	Powder Plot.
1606	4	93	King of *Denmark* came to *England*.
1607	5	92	Moore-fields beautified.
1608	6	91	Oath of Allegiance.
1609	7	90	New Exchange in the Strand.
1610	8	89	King of *France* murthered.
1611	9	88	*Bartholomew Legat* an Arian burnt.
1612	10	87	Lady *Eliz.* married. Prince *Henry* dies
1613	11	86	Artillery Company revived.
1614	12	85	*Middleton*'s Water.
1615	13	84	Smithfield paved.
1616	14	83	*Charles* created Prince of *Wales*.
1617	15	82	*Haidock* the ſleeping Preacher.
1618	16	81	Sr *Walter Rawleigh* decollated.
1619	17	80	Queen *Anne* dies.
1620	18	79	King of *Bohemia* overthrown.
1621	19	78	*Philip* 3 K. of *Spain* dies, *Phil.* 4. ſucc.

1622	20	77	Prince *Charles* goes into *Spain*.
1623	21	76	Black Friers downfall.
1624	22	75	The Bloudy Cruelty at *Amboyna*.
1625	K. *Char.* I. beg. *Mar.* 27. 5285. die. Pl. 35417.		
1626	2	73	War with *Spain* and *France*.
1627	3	72	Isle of *Rhees* Voyage.
1628	4	71	Duke of *Buckingham* stabb'd.
1629	5	70	*New England* planted.
1630	6	69	King *Charles* II. born.
1631	7	68	Battle at *L. Tilly* slain.
1632	8	67	*London* Bridge burnt.
1633	9	66	*James* II. born *Octob.* 14.
1634	10	65	Ship Money first Taxed.
1635	11	64	Old *Parr* died aged 160.
1636	12	63	*Dutch* take the *Spanish* Silver Fleet.
1637	13	62	English Liturgy sent into *Scotland*.
1638	14	61	The *Scots* National Covenant.
1639	15	60	*Dutch* beat the *Spaniards* at *Dover*.
1640	16	59	The long Parliament began *Nov.* 3.
1641	17	58	The Earl of *Strafford* beheaded.
1642	18	57	*Edge Hill* Fight.
1643	19	56	*Newberry* first Fight.
1644	20	55	*Newberry* second Fight.
1645	21	54	Arch-Bishop of *Canterbury* beheaded.
1646	22	53	Lord *Fairfax* takes *Oxford*.
1647	23	52	King taken by Parliament and Army.
1648	24	51	King traiterously beheaded. K. *Charles* the Second begins *Jan.* 30.
1649	1	50	Powder-blow in Tower-street.
1650	2	49	King *Charles* II. Crowned in *Scotland*.
1651	3	48	*Worcester* Fight. *Love* beheaded.
1652	4	47	Wars with *Holland*.
1653	5	46	Old and New Parliament dissolved.
1654	6	45	Peace with *Holland*.

War

1655	7	44	Wars with *Spain*.
1656	8	43	Two Tides in 3 hours, *Octob.* 3.
1657	9	42	*Mardike* taken by the *Engliſh* & *French*.
1658.	10	41	*Cromwell* died.
1659	11	40	Sr *George Booth*, & Gen. *Monk* for the King.
1660	12	39	King *Charles* II. joyfully reſtored.
1661	13	38	King *Charles* II. Crowned, April 23.
1662	14	37	Married to Queen *Katherine*.
1663	15	36	King and Queen at *Windſor*.
1664	16	35	Three blazing Stars ſeen.
1665	17	34	97351 die, of the Plague 68586!
1666	18	33	13200 Houſes burnt in *London*.
1667	19	32	The *Dutch* Hoſtile Treaty.
1667	19	31	E. of *Clarindon* baniſh. *Abr. Cowley* died
1669	21	30	Prince of *Tuſcany* arrived in *England*.
1670	22	29	Dutcheſs of *Orleance* died.
1671	23	29	Dutch. of *York*, & E. of *Manchester* died.
1672	24	27	War proclaimed with *Holland* by *Engliſh* and *French*. Earl of *Sandwich* ſlain.
1673	25	26	Sr *Edward Spragg* ſlain at Sea.
1676	28	23	600 Houſes burnt in *Southwark*.
1677	29	22	Prince of *Orange* married to the L. *Mary*
1678	30	21	Sr *Edmund-Bury Godfry* murdered!
1680	32	19	A great Comet.
1682	34	17	Another Comet.
1684	36	15	A great 13 weeks froſt, with a Fair kept upon the frozen *Thames*.
1685	K. *James*		the II. began *Febr.* 6. The King and
	1	14	Queen Crowned *April* 23.
	1	14	*Monmouth* Landed at *Lime*, June 11.
	1	14	*Monmouth* beheaded, *July* 15.
1688	4	11	K. *James* left the Kingdom in *December*.
1689	K. *William* and Q. *Mary* Crowned, *April* 11.		

January hath xxxi days.

Full moon the 5 day, 59 min. past 6 at night.
Last quarter the 13 day, at 10 min. in the morning.
New moon the 21 day, 58 min. past 3 in the morning.
First quarter the 28 day, 20 min. past 2 afternoon.

1	A	Circumcision	21	43	Taur.	12	☌ ♄ ☿.
2	b	Octab. Steph.	22	44	Gem.	6	☽ Perigæon,
3	c	Octab. John.	23	45		21	Windy and
4	d	Octab. Innoc.	24	46	Canc.	7	some rain.
5	e	Simeon	25	47		21	✶ ♅ ☿.
6	f	Epiphany	26	49	Leo	6	
7	g	Julian	27	50		21	
8	A	1 after Epiph.	28	51	Virgo	5	☌ ☿ ☿.
9	b	Marcell	29	52		19	
10	c	Sun in Aquar.	0	53	Libra	2	☽ ☍. Mild
11	d	Hyginus	1	54		15	✶ ♄ ☿. wea-
12	e	Satyrius	2	55		27	☌ ♄ ☿. ther
13	f	Hilary B.	3	57	Scorp.	9	for the sea-
14	g	Felix	4	58		21	son.
15	A	2 after Epiph.	5	59	Sagit.	3	✶ ♄ ♅.
16	b	Marcellus	7	0		15	✶ ♄ ☿.
17	c	Anthony	8	1		27	☌ ♄ ☿.
18	d	Prisca	9	2	Capr.	9	☽ Apogæon.
19	e	Pontian	10	3		20	Some snow
20	f	Octab. Hillar.	11	4	Aquar.	3	☌ ☉ ☿.
21	g	Agneta	12	5		15	about this
22	A	3 after Epiph.	13	5		28	time.
23	b	Term begins	14	6	Pisces	11	
24	c	Timothy	15	7		24	☌ ☉ ☿.
25	d	Conv. S. Paul	16	8	Aries	7	Cloudy and
26	e	Policarp	17	9		21	☽ ☿. cold
27	f	Quind. Hillar.	18	10	Taur.	4	towards the
28	g	Tara, M.	19	10		18	end.
29	A	4 after Epiph.	20	11	Gem.	2	
30	b	K. C. I. Mart.	21	12		16	☌ ☉ ♄.
31	c	Cyriacus	22	13	Canc.	1	☽ Perigæon,

January 1699.

Cambridge Term begins the 13 day.

Days of the month.	Sunsetting, and	Sunrising.	
1	8	4	4
2	8	3	4
3	8	2	4
4	8	0	4
5	7	59	5
6	7	58	5
7	7	57	5
8	7	55	5
9	7	54	5
10	7	52	5
11	7	50	5
12	7	48	5
13	7	47	5
14	7	46	5
15	7	45	5
16	7	44	5
17	7	42	5
18	7	40	5
19	7	38	5
20	7	36	5
21	7	34	5
22	7	32	5
23	7	30	5
24	7	28	5
25	7	26	5
26	7	24	5
27	7	22	5
28	7	20	5
29	7	19	5
30	7	18	5
31	7	16	5

Telesphorus Bp. of *Rome*, he was the son of an Anchorite, as their own *Platina* saith, or a cloistered Monk, one of those that went into the wilderness for retirement from the World; now we must suppose, that he was got in Matrimony, or he could not have been Pope, and if it was not thought a fault for such a Monk to be married, how comes it to be so great a fault for our Clergy men, who must live hospitably among their neighbours, keep servants, make the best of their Glebe and Tythe, for such I say to have a wife? that is, a suitable companion and necessary assistant? He was a Greek, for whose sake some that followed him might have had more respect for that nation, then to excommunicate them for a trifle, and treat them with tricks He was made Pope *April* 9 127. sat 11 years 8 months and 28 days, and died a Martyr; and therefore we may charitably suppose him better imploy'd then such Hereticks as *Marcion*, *Valentinian*, & such like infested the Church, then in appointing three Masses on *Christmas* Eve, the observation of *Lent*, the use of the *gloria in excelsis*, which are the chief things recorded of him, whereas *Justin* the Martyr, who lived in his time, so opposed those Hereticks, as to bless all succeeding Ages with his writings, but some are most fond of recording little things, and forget greater, like a River which carries with it Corks and Straws, while Gold and substantial things sink to the bottom, and are then forgot and lost.

Full moon the 4 day, 49 min. past 2 in the morning.
Last quarter the 11 day, 58 min. past 7 at night.
New moon the 19 day, 52 min. past 7 at night.
First quarter the 26 day, 42 min. past 9 at night.

		Festival days with terms.	☉ place d.	☉ place m.	Moons place.		Inclination of the air.
1	D	Bridget	23	13	Canc.	15	☌ ☉ ♆.
2	E	Purif. V. M.	24	14	Leo	0	Freezing
3	F	Cract. Purif.	25	15		14	winds clearing
4	G	Veronica	26	15		29	the Air.
5	A	Septuagesima	27	16	Virgo	13	
6	B	Dorothy	28	16		26	☐ ♆ ♂.
7	C	Zachary	29	17	Libra	10	☽ ☊.
8	D	Sun in Pisces	0	♓17		23	☿ Stat. ad
9	E	Apollon	1	18	Scorp.	5	Direct.
10	F	Octab. Purif.	2	18		17	
11	G	Euphros	3	19		29	Cloudy with
12	A	Sexagesima	4	19	Sagit.	11	☽ Apogæon.
13	B	Term ends	5	19		23	frost and snow
14	C	*Valentine*	6	20	Capr.	5	about this
15	D	Faustin	7	20		17	time.
16	E	Juliana	8	20		29	
17	F	Dicteorus	9	20	Aquar.	11	
18	G	Conso. dia	10	20		24	☌ ♂ ☿.
19	A	Shrove sunday	11	21	Pisces	7	☽ ☋.)
20	B	Widred	12	21		20	
21	C	Essieg	13	21	Aries	3	Windy and
22	D	Cinerum	14	21		17	variable
23	E	Sereni. g	15	21	Taur.	1	weather to-
24	F	S. Matthias	16	21		15	wards the
25	G	Inven. P. uli	17	21		29	months end.
26	A	Quadragesima	18	20	Gem.	13	
27	B	Nestor	19	20		17	☽ Perigæon.
28	C	Roman	20	20	Canc.	11	♂ ♄ ☿.

Commencement for Batchelors in Arts 23 day.

Days of the month	Sunn rises and	Sunn sets	
1	7	14	5
2	7	12	5
3	7	10	5
4	7	8	5
5	7	6	5
6	7	4	5
7	7	2	5
8	7	0	5
9	6	59	6
10	6	57	6
11	6	55	6
12	6	54	6
13	6	52	6
14	6	50	6
15	6	48	6
16	6	46	6
17	6	44	6
18	6	42	6
19	6	41	6
20	6	40	6
21	6	38	6
22	6	36	6
23	6	34	6
24	6	32	6
25	6	30	6
26	6	28	6
27	6	27	6
28	6	25	6

Carnival, a time of mirth and jollity, wherein they glut themselves with flesh and drinking, that they may have the better stomach to fasting in *Lent*; the extravagancies of this time are such as would fil a Volume, and astonish the serious Reader. A Turk gives this account of the *Italians*, that in the spring they are all mad, and on a certain day being sprinkled with ashes, they all come to themselves again; should one of the old *Romans* or *Grecians* return from the dead at this time, he would find his *Bacchanalia* or *Lupercalia* shamefully outdone. *Sever.* When he was a poor simple man unlearned, was chosen Bp. of *Raven* by miracle of a fiery pillar and bright beam that descended from Heaven and remained upon him, forthwith after which Election, he was learned in all the Office of a Bp. and eloquent in preaching, he much edified by holy life and many miracles. H. M.

And another *Sever.* who raised one person to life, of whose fame *Maximinian* hearing, sent for him; and because he would not sacrifice to the Idols, he caused him to be beheaded, whose soul in the sight of the people was carried between two Angels into Heaven, H.M. They had better eyes then we have now adays.

Full moon the 5 day, 14 min. past 7 at night.
Last quarter the 13 day, 45 min. past 3 in the afternoon.
New moon the 21 day, 54 min. past 8 in the morning.
First quarter 28 day, 13 min. past 3 in the morning.

1	v	Ember week	21	20	Canc.	25	✶ ♃ ☿.	
2	t	Leddus B.	22	20	Leo	9	Cold winds	
3	f	Tunigund	23	19		23	with some	
4	g	Adrian	24	19	Virgo	7	rain or snow.	
5	a	2 Sun. in Lent	25	19		21	☽ Eclipsed	
6	b	Frobelin	26	18	Libra	4	visible.	
7	c	Perpetua	27	18		18		
8	d	Cyprian	28	17	Scorp.	0	☒ ☉ ♅.	
9	e	Prudent	29	17		13		
10	f	Sun in Aries	0 ♈	16		25		
11	g	Oswin	1	16	Sagit.	7	Blustering	
12	a	3 Sund in Lent	2	15		19	Winds with	
13	b	Euphasia	3	14	Capr.	1	☽ Apogæon.	
14	c	Eutychus	4	14		13	some pinching	
15	d	Longinus	5	13		25	frosty morn-	
16	e	Herbert	6	12	Aquar.	7	ings.	
17	f	Gertrude	7	12		19		
18	g	Edward R.	8	11	Pisces	2		
19	a	Mildlent sun.	9	10		15	☽ ♆.	
20	b	Cuthbert	10	9		29	☉ Eclipsed.	
21	c	Benedict	11	8	Aries	12	☒ ♃ ☿.	
22	d	Zephodis	12	7		26	△ ♅ ♂.	
23	e	Victorin	13	6	Taur.	11	✶ ♄ ♂.	
24	f	Quirinus	14	5		25	♂ ♄ ☿.	
25	g	Lady day	15	4	Gem.	10	✶ ♅ ☿.	
26	a	5 Sund. in Lent	16	3		24	☽ Perigæon.	
27	b	Palm Even.	17	2	Canc.	8	✶ ♄ ♃.	
28	c	Gideon	18	1		22	✶ ♂ ☿.	
29	d	Eustach	18	59	Leo	6	Now more	
30	e	Guido	19	♑58		20	mild & some-	
31	f	Balbinus	20	57	Virgo	3	what dry.	

The Latter Act the 23 day.

Cambridge Term ends the 31 day.

Days of the month	Suns rising.	Suns setting.	
1	6	18	6
2	5	16	6
3	6	14	6
4	6	12	6
5	6	10	6
6	6	8	6
7	6	6	6
8	6	4	6
9	6	2	6
10	6	0	6
11	5	58	7
12	5	56	7
13	5	54	7
14	5	52	7
15	5	50	7
16	5	48	7
17	5	46	7
18	5	44	7
19	5	42	7
20	5	40	7
21	5	38	7
22	5	36	7
23	5	34	7
24	5	32	7
25	5	30	7
26	5	28	7
27	5	26	7
28	5	24	7
29	5	22	7
30	5	20	7
31	5	18	7

Gregory, ſtiled the great, of whom it is ſaid that he was the worſt Bp. of all that went before him, and the beſt of all that came after him; indeed we muſt own his kindneſs to us in ſending *Auguſtin* at the requeſt of the King, and good inclination of the people, to inſtruct them further in the Chriſtian Religion, which they had received from *Bertha*, and Bp. *Luithardus* who came with her; nay *Gregory* was ſo kind as to come himſelf 3 days journey towards us, till a Graſs-hopper light upon his hand; and being called *Locuſta*, he took it for an admonition *loco ſtare*, and upon further conſideration ſent others.

Bernard, he once clearly outwitted the Devil, for finding that the Devil knew of ſome verſes in the *Pſalms*, which if ſaid daily, the perſon ſhould not periſh, and not prevailing with him to diſcover them, he reſolved to ſay the whole *Pſalter* every day; to prevent which, the Devil was forced to tell him the verſes, and he hath ſet them down, and if you know no other way to prevent your periſhing, look for them, or read the whole.

Catbuld, as he was born, his mother died, but the good Child got upon his feet by himſelf, took his Mother in his arms and raiſed her to life again, was not this Child like to be a comfort to his Mother think ye?

April hath xxx days.

Full moon the 4 day, 50 min. past 8 in the morning.
Last quarter the 12 day, 44 min. past 9 in the forenoon.
New moon the 19 day, 46 min. past 6 afternoon.
First quarter the 25 day, 4 min. past 1 afternoon.

1	g	Theodore	21	55	Virgo	17	Windy and
2	♃	Palm Sunday	22	54	Libra	0	cool for the
3	h	Ulpian	23	52		13	☌ ☉ ☿. time
4	f	Ambrose	24	51		26	☽ ☊. of the
5	d	Vincent	25	50	Scorp.	9	△ ♃ ☿. year
6	e	Sixtus	26	48		22	✱ ♄ ☿.
7	f	*Good Friday*	27	47	Sagit.	3	△ ☉ ♃.
8	g	Dionysius	28	45		15	✱ ☉ ♄.
9	♃	Easter Sunday	29	43		27	☽ Apogæon.
10	h	Sun in Taur.	0 ♉	42	Capr.	9	
11	f	Leo	1	40		21	
12	d	Julius	2	38	Aquar.	3	☌ ♂ ☿.
13	f	Justinus	3	37		15	
14	f	Tiburtius	4	35		27	
15	g	Perpetuus	5	33	Pisces	10	Storms of
16	♃	Low-Sunday	6	31		23	rain and hail
17	h	Anicetus	7	29	Aries	7	very season-
18	f	Valerian	8	27		21	✱ ♀ ☿. able.
19	d	Timon	9	25	Taur.	5	☽ ☋.
20	f	Sulpitius	10	24		20	
21	f	Simeon	11	22	Gem.	4	
22	g	Quintin	12	20		19	
23	♃	2 after Easter	13	17	Canc.	4	☐ ♄ ☿.
24	h	Quind. Pasch.	14	15		19	
25	f	S. Mark	15	13	Leo	3	☐ ♃ ♀.
26	d	Term begins	16	11		17	
27	f	Anastas	17	9	Virgo	0	☽ Perigæon.
28	f	Vitalis	18	7		14	Fine grow-
29	g	Pet. de mil.	19	1		27	ing weather
30	♃	Q. M. 2. born	20	2	Libra	10	about this
							☽ ☊. time.

April 1699.

Cambridge Term begins the 19 day.

Days of the month	Sun rising and	Sun setting	
1	5	16	7
2	5	14	7
3	5	12	7
4	5	10	7
5	5	8	7
6	5	6	7
7	5	4	7
8	5	2	7
9	5	0	7
10	4	58	8
11	4	56	8
12	4	54	8
13	4	52	8
14	4	50	8
15	4	48	8
16	4	46	8
17	4	44	8
18	4	42	8
19	4	40	8
20	4	38	8
21	4	36	8
22	4	35	8
23	4	34	8
24	4	32	8
25	4	30	8
26	4	28	8
27	4	27	8
28	4	25	8
29	4	23	8
30	4	22	8

Vinc. Ferrerius, our Country-man, ſainted by *Calixtus* the 3d. he had this ſtrange gift, that what he ſaid in one tongue, was underſtood in all others by his auditors of ſeveral Languages, & though he preached to never ſo many (80000 at one time) yet he was heard of all, this out-did the Apoſtles a bar and a-half. He revived the ſect of the *Whippers*, and had 10000 followers, for which he was hardly cenſured by *Gerſon*, and for the Doctrines which he preached, as the approach of Antichriſt, and day of judgment, and for all this gift of Tongues, he tells him that Miracles are ceaſed, and vehemently to be ſuſpected now adays.

Richard of *Andria* our Countryman, but not finding encouragement in his preaching here, was in a viſion directed to go to *Andria*, and preach there; for which purpoſe the Pope ordained him Bp. of that Church, in his travels through that hot Country, the Sun beating fore upon him and his Companion, they prayed for relief, and a great Eagle was ſent, which hovering over them with her wings, ſerved them inſtead of an *Umbrella*. *Creſſy*. What pity it is E. M. hath not adorned his Book with this ſtory.

Fulius, he ſet up the *Protonotaries* who were to record what paſſed relating to the Church, and theſe in Platina's time, ſome of them could not write their own names, others were Pimps and Paraſites, and may we not expect good Hiſtory from them?

May hath xxxi days.

Full moon 3 day, 13 min. paſt 11 at night.
Laſt quarter 11 day, 10 min. paſt 2 in the morning.
New moon the 19 day, 43 min. paſt 2 in the morning.
First quarter the 25 day, 7 min. paſt 5 in the afternoon.

1	b	Phil. & Jacob.	21	50	Libra	22		Tres Paſch.
2	c	Athan.	21	58	Scorp.	5		
3	d	Invent. Crucis	22	55		17		Cold batter-
4	e	Florianus	23	53		29		ing ſtorms
5	f	Gothard	24	51	Sagit.	12		about this
6	g	Joh. Port. Lat.	25	48		24		time.
7	A	4 after Eaſter	26	46	Capr.	5		
8	b	Mens Paſch.	27	43		17		
9	c	Epinach	28	41		29		☽ Apogæon.
10	d	Gordian, &c.	29	38	Aquar.	11		☐ ♄ ♂.
11	e	Sun in Gem.	0	♊ 36		23		✶ ♀ ☿.
12	f	Pancrat	1	33	Piſces	5		☐ ☉ ♄.
13	g	Servatius	2	31		18		☽ ☌.
14	A	5 after Eaſter	3	28	Aries	1		
15	b	Quinq. Paſch.	4	26		15		Windy with
16	c	Peregrin.	5	23		29		haſty ſtorms
17	d	Torpetus	6	20	Taur.	13		of hail and
18	e	Aſcenſion Day	7	18		28		ſome thunder.
19	f	Craſt. Aſcen.	8	15	Gem.	13		△ ☿ ♀.
20	g	Dunſtan	9	12		28		
21	A	6 after Eaſter	10	10	Canc.	13		☌ ☉ ☌.
22	b	Term ends	11	7		28		
23	c	Deſider.	12	4	Leo	13		☽ Perigæon.
24	d	Ether	13	2		27		☌ ☌ ☿.
25	e	Urban	13	59	Virgo	10		☌ ☉ ☿.
26	f	Quadratus	14	56		24		✶ ♄ ♀.)
27	g	Beda V.	15	53	Libra	7		☽ ☊.
28	A	Whit-ſunday	16	50		19		
29	b	K. Ch. II. Nat.	17	48	Scorp.	2		
30	c	Wigan.	18	45		14		Fine pleaſant
31	d	Ember-Week	19	42		26		weather.

1	4	20	8
2	4	19	8
3	4	18	8
4	4	16	8
5	4	17	8
6	4	15	8
7	4	13	8
8	4	12	8
9	4	11	8
10	4	9	8
11	4	8	8
12	4	6	8
13	4	5	8
14	4	3	8
15	4	2	8
16	3	59	9
17	3	58	9
18	3	57	9
19	3	56	9
20	3	55	9
21	3	54	9
22	3	53	9
23	3	52	9
24	3	51	9
25	3	50	
26	3	49	9
27	3	48	9
28	3	47	9
29	3	46	9
30	3	45	9
31	3	46	9

Venerable *Bede*, a title peculiar to him, and by which he is better known, then by that of Saint, that this was writ upon his Tomb by an Angel, or given him by an heap of ſtones (to which he preached when he was blind, thinking he had been in a Church) and they anſwered Amen, Venerable *Bede*, Amen, you may believe it if you pleaſe: He was born at *Jarrow* near *Durham*, a very learned man as his many Books ſhew, and which we are beholden to him for; one ſays of him, if we conſider his Books, we muſt think that he did nothing but write, if we conſider his Devotions we muſt think he did nothing but pray: He generally inclined to the Errours of thoſe times, yet was not wanting to reprove the Idleneſs and Luxury of their Monaſteries. A little before his death he diſtributed ſome gifts among thoſe about him, ſome *Oraria*, Chaplets for numbring of Prayers, which from him, they will tell you, had the name of Beads, *Creſſy*. And I was loath our Countrey ſhould loſe the credit of this rare Invention. He died *May* 26, but that being the day of *Auguſtin* the Monk, he was poſtpon'd to the 27.

June hath xxx days.

Full moon the 2 day, 12 min. past noon.
Last quarter the 10 day, 16 min. past 3 in the afternoon.
New moon the 17 day, 32 min. past 9 before noon.
First quarter 23 day, 45 min. past 11 at night.

1	e	Pamphilus	20	39	Sagit.	8	Fine growing
2	f	Marcellin.	21	36		20	weather with
3	g	Erasmus	22	33	Capr.	2	☍ ☉ ♃.
4	A	Trinity Sund.	23	30		14	rain, if
5	b	Crast. Trin.	24	27		26	☽ Apogæon.
6	c	Artemius	25	25	Aquar.	8	not thunder.
7	d	Paulus	26	22		20	
8	e	Medardus	27	19	Pisces	2	☌ ♃ ♂.
9	f	Term begins	28	16		14	☽ ☋.
10	g	Getulicus	29	13		27	
11	A	S. Barnabas	0 ♋	10	Aries	10	Sun in Canc.
12	b	Octab. Trin.	1	7		24	
13	c	Cyrillus	2	4	Taur.	7	△ ☉ ♄.
14	d	Valerius	3	1		22	Now some-
15	e	Vitus, &c.	3	58	Gem.	6	what dry.
16	f	Vowland	4	56		21	
17	g	Rowlyd	5	53	Canc.	6	☐ ♄ ♀.
18	A	2 after Trin.	6	50		22	
19	b	Quind. Trin.	7	47	Leo	7	☽ Perigæon.
20	c	Regina	8	44		22	
21	d	Walburg.	9	41	Virgo	6	△ ♄ ♂.
22	e	Alban	10	38		20	☽ ☊.
23	f	Basilius	11	35	Libra	3	☍ ♃ ☿.
24	g	S. John Bapt.	12	32		16	
25	A	3 after Trin.	13	29		29	Hot with
26	b	Tres Trin.	14	26	Scorp.	11	some showers
27	c	Jeremias	15	23		33	and thunder
28	d	Term ends	16	20	Sagit.	5	about this
29	e	S. Pet. & Paul	17	17		17	time.
30	f	Luciana	18	14		29	△ ♄ ☿.

June 1699.

Days of the month.	Suns rising.	and	Suns setting.
1	3	45	9
2	3	45	9
3	3	45	9
4	3	44	9
5	3	44	9
6	3	44	9
7	3	43	9
8	3	43	9
9	3	43	9
10	3	43	9
11	3	43	9
12	3	43	9
13	3	43	9
14	3	43	9
15	3	44	9
16	3	44	9
17	3	44	9
18	3	45	9
19	3	45	9
20	3	45	9
21	3	46	9
22	3	46	9
23	3	46	9
24	3	47	9
25	3	47	9
26	3	48	9
27	3	49	9
28	3	50	9
29	3	51	9
30	3	53	9

June the 6. I cannot call this a Saints day, but some may think it as good, for on this day the Tax of the Apostolick chamber was licensed by the Parliament of *Paris*, and because 'tis fit that every one should know at what rate he may safely sin, I will give you some particulars; a Monk that do's not keep to his proper garb 7 groats, a Priest that marries Persons within the prohibited dedegrees 7 groats, he that lies with a woman in the Church, and doth other evil things 6 groats, he that lies with his Mother, his Sister, his Gossip, or any near of kin 5 groats; he that deflowers a Virgin 6 groats, perjury 6 groats, for a Lay-man that kills an Abbot, Monk, or Priest 8 or 9 groats, but if he be a Priest, he must also visit See Apostolick. For a man that beats his wife till she miscarry 6 groats, for the woman that eats or drinks any thing to make her miscarry 5 groats, and is not this dog cheap? To give them their due, they afford good penyworths, if they keep to their old Rates, but there it no reason they should, considering what alteration hath been in the value of money, but some get more by quick returns, then by larger gains in slow returns.

July hath xxxi days.

Full moon the 2 day, 22 min. past 5 in the morn.
Last quarter the 10 day, 27 min. past 2 in the morning.
New moon the 16 day, 38 min. past 4 afternoon.
First quarter the 23 day, 53 min. past 4 afternoon.
Full moon 31 day, 52 min past 7 at night.

1	g	Tr. Sirith	19	12	Capr.	11	☽ Apogæon.
2	A	4 after Trin.	20	9		23	Hot sultry
3	b	Cornelius	21	6	Aquar.	5	weather
4	c	Ulricus	22	3		17	☌ ♃ ♀.
5	d	Anselm.	23	0		29	☌ ♂ ☿.
6	e	Tranquil.	23	57	Pisces	11	about the be-
7	f	Tr. T. Beck.	24	54		24	☽ ☋. ginning
8	g	Grimbald	25	51	Aries	6	of the month.
9	A	5 after Trin.	26	49		19	
10	b	7 Fratres	27	46	Taur.	3	
11	c	Benedict	28	43		16	
12	d	Nabor &c.	29	40	Gem.	1	△ ♄ ♀.
13	e	Sun in Leo	0	♌ 37		15	Very good
14	f	Bonavent	1	35	Canc.	0	hay weather
15	g	Swithin	2	32		15	☽ Perigæon.
16	A	6 after Trin.	3	29	Leo	0	☌ ☉ ☿.
17	b	Hilarius	4	26		15	for making
18	c	Alexius	5	24	Virgo	0	hay now.
19	d	Dog days beg.	6	21		14	
20	e	Margaret	7	18		28	☽ ☊.
21	f	Praxeda	8	16	Libra	12	
22	g	Mar. Mag.	9	13		25	
23	A	7 after Trin.	10	10	Scorp.	8	△ ♃ ☿.
24	b	Christiana	11	8		20	Variable with
25	c	S. James	12	5	Sagit.	2	winds and
26	d	Anna	13	3		14	some rain
27	e	Martha	14	0		26	
28	f	Panthal	14	58	Capr.	8	☽ Apogæon.
29	g	Felix	15	55		20	☍ ♄ ☿.
30	A	8 after Trin.	16	53	Aquar.	2	with thunder.
31	b	German	17	50		15	

July 1699.

The 4 day is Commencement Tuesday.

Cambridge Term ends the 7 day.

Day of the Month	Sun rising	Sun setting	
	h. m.	h. m.	
1	3	53	9
2	3	54	9
3	3	55	9
4	3	56	9
5	3	57	9
6	3	58	9
7		59	9
8	3	59	9
9	4	0	8
10	4	1	8
11	4	3	8
12	4	4	8
13	4	5	8
14	4	7	8
15	4	8	8
16	4	10	8
17	4	11	8
18	4	13	8
19	4	15	8
20	4	17	8
21	4	19	8
22	4	21	8
23	4	22	8
24	4	24	8
25	4	26	8
26	4	28	8
27	4	30	8
28	4	32	8
29	4	33	8
30	4	35	8
31	4	37	8

Margaret, the daughter of an Idolatrous Priest, a fierce enemy of Christians, but she a great Saint, as appears by this, that when the Devil in shape of a great Dragon had swallowed her up, she burst through his belly, and so escaped; for this reason Women in labour invoke her; her Girdle is kept at St. *Germans* Abby in *Paris*, and if women with child be girt with it, it is a great help to them, but then the Friars must have the Girding of them, and to give them their due, they are not wanting in that piece of Charity. I will say no more of her story, because *Baronius* doth own that it contains something that needs reforming, and their Breviaries have been reformed. We hope in time these things will make them not to start at the very word Reformation.

Neoth, he was very low of stature, and used a stool when he reached at any thing above him, but once somebody knocking hastily, and not having time to reach the stool, the kind bolt stooped down as low as his waste, and so he opened the door without the least reaching, *Capg.* When his Oxen were stolen, the staggs came and offered their service to plow for him, at which (as well they might) the Thieves were so ashamed, that they brought his oxen again, *Capg.*

August hath xxxi days.

Last quarter the 8 day, 10 min. past 10 before noon.
New moon the 15 day, 32 min. in the morn.
First quarter the 22 day, 49 min. past 8 in the morning.
Full moon the 30 day, 22 min. past 10 before noon.

1	t	Lammas day	18	48	Aquar.	26	△ ☉ ☿.
2	w	Moles	19	45	Pisces	8	
3	t	Prisca&c.	20	43		21	Very hasty
4	f	Dominic	21	41	Aries	3	showers and
5	s	Fest. nivis	22	38		16	hot.
6	s	9 after Trin.	23	36		29	
7	u	Cyriacus	24	34	Taur.	11	♂ ♂ ♀.
8	t	Romanus	25	31		16	
9	w	Theodos.	26	29	Gem.	10	
10	e	Laurence	27	27		25	♊ ☿ ♄.
11	f	Tiburtius	28	25	Canc.	9	♂ ☉ ♄.
12	s	Clare, V.	29	23		24	☽ Perigæon.
13	s	Sun in Virgo.	0	♍ 21	Leo	9	Good harvest
14	u	Eusebius	1	19		23	weather about
15	t	Assump. V.M.	2	17	Virgo	8	this time.
16	w	Hesbus	3	15		22	
17	t	Agapitus	4	13	Libra	7	
18	f	Helena	5	11		20	Hot and moist
19	s	Mag. Mart.	6	9	Scorp.	3	with high
20	s	11 after Trin.	7	7		16	winds.
21	u	Privatus	8	5		28	♊ ♃ ♀.
22	t	Symphor.	9	3	Sagit.	10	
23	w	Zachens	10	1		22	
24	t	S. Barthelem.	10	58	Capr.	4	
25	f	Lodovic.	11	58		16	Black clouds
26	s	Severius	12	56		28	☽ Apogæon.
27	s	Dog days end.	13	54	Aquar.	10	♂ ♄ ♀.
28	u	Augustin	14	53		22	with thunder.
29	t	Decol. J. B.	15	51	Pisces	4	
30	w	Felix	16	46		17	☽ Eclips. invis.
31	t	Paulinus	17	48	Aries	0	

Days of the month.	Sun rising.	and	Sun setting.
1	4	38	8
2	4	39	8
3	4	41	8
4	4	43	8
5	4	44	8
6	4	46	8
7	4	48	8
8	4	51	8
9	4	52	8
10	4	54	8
11	4	56	8
12	4	58	8
13	5	0	7
14	5	2	7
15	5	4	7
16	5	6	7
17	5	8	7
18	5	10	7
19	5	12	7
20	5	14	7
21	5	16	7
22	5	18	7
23	5	20	7
24	5	22	7
25	5	24	7
26	5	26	7
27	5	28	7
28	5	30	7
29	5	32	7
30	5	34	7
31	5	36	7

Albert died 1292. the Founder of the Order of the Carmelites, (see *prik* the 1 ath.) and thô he lived so lately, nothing less will serve him, then to imitate *Elias* and *John* the Baptist. And Pope *Gregory* the 1, gravely tells us in a Bull for this purpose, that his predecessor *John* XXII. as he was at prayer, was then spoken to by the Virgin M. O *John*, O thou Vicar of my dear Son, you are to confirm my devout Order of Carmelites begun by *Elias* in Mount *Carmel*, and that they are to observe the Rule given them by my servant *Elbert*, and whosoever doth observe it, shall be saved, and be freed from the Third part of their sins, the first day they enter into this Order, and when any of them die, I will descend on Saturday after, and deliver them out of Purgatory; but then they must be sure to observe their Canonical Hours, the usual Fasts, and besides, the fast of Saturday; and having said this, she vanished. And could *Gregory* do less then with the greatest strictness enjoyn the Observation of it? and did not *Alex.* V. 1409. do well by his Bull to enforce it? they that like it, may see more of this in *Laney*, and they that don't, may see him learned by confuting it, *de Bulla sab.* as a meer Fiction, against several of their Church who plead for it.

September hath xxx days.

Laſt quarter the 6 day, 15 min. paſt 4 afternoon.
New moon the 13 day, 29 min. paſt 10 before noon.
Firſt quarter the 21 day, 4 min. paſt 3 in the morning.
Full moon the 29 day, 10 min. paſt 2 in the morning.

1	F	Egidius	18	46	Aries	13		Windy & cool
2	S	Anthony	19	45		26		with ſome
3	S	13 after Trin.	20	43	Taur.	10	☌ ☉ ♆.	
4	M	Theodoſia	21	42		23		wet.
5	T	Moſes	22	41	Gem.	7	△ ♆ ♂.	
6	W	Magnus	23	39		21		
7	T	Regina	24	38	Canc.	5		
8	F	Nat. V. M.	25	37		19	☽	Perigæon
9	S	Gorgon	26	35	Leo	4		Very good
10	S	14 after Trin.	27	34		28		weather
11	M	Felix	28	33	Virgo	3		for the
12	T	Guido	29	32		17	☽ ☊.	
13	W	Sun in Libra	0	31	Libra	1	☉	Eclipſed,
14	T	Exalt. Crucis	1	30		15	♂ ♄ ♂.	
15	F	Nicodem.	2	29		28		ſeaſon.
16	S	Edith	3	28	Scorp.	12		
17	S	15 after Trin.	4	27		24	☐ ♆ ♀.	
18	M	Ferreolus	5	26	Sagit.	6		
19	T	Januarius	6	25		18		
20	W	Ember week	7	24	Capr.	0		Windy, raw,
21	T	S. Matthew	8	23		12		wet and ſome-
22	F	Maurice	9	23		24	☽	Apogæon.
23	S	Tecla, Vir.	10	22	Aquar.	6		what cool.
24	S	16 after Trin.	11	21		18	☌ ☉ ☿.	
25	M	Cleophas	12	20	Piſces	0		
26	T	Cyprian	13	20		13		
27	W	Cosm. Dam.	14	19		26		Rough & cold
28	T	Wenceſl.	15	19	Aries	9	☽ ♆	morn.
29	F	S. Michael	16	18		28	☌ ☿ ♃.	
30	S	Hieronim	17	18	Taur.	6		and evenings.

Sturbridge Fair begins the 8 day.

Days of the month.	Sun rises.	Sun sets.
1	5 38	7
2	5 40	7
3	5 42	7
4	5 44	7
5	5 46	7
6	5 48	7
7	5 50	7
8	5 52	7
9	5 54	7
10	5 56	7
11	5 58	7
12	6 0	6
13	6 2	6
14	6 4	6
15	6 6	6
16	6 8	6
17	6 10	6
18	6 12	6
19	6 14	6
20	6 16	6
21	6 18	6
22	6 20	6
23	6 22	6
24	6 24	6
25	6 26	6
26	6 28	6
27	6 30	6
28	6 32	6
29	6 34	6
30	6 36	6

John the 8th. otherwise called Pope *Joan*, for our Credit an *English* Woman, she being in love with a young man, put on mens Clothes, and went with him to *Athens*, and there studied with such good success, that she had few equals, and going to *Rome*, shewed so much learning and quickness, that upon the death of *Leo* the 14. she was with general consent made Pope: but afterwards one of the servants (some say a Cardinal) got her with Child, of which she was delivered in the street as she was going to the Laterane, and was there buried privately; some say that ever since, the Pope goes a great way about rather then go through that street, and that at the Election the Pope is set in a Porphyry-Chair, with a Hole at the bottom, where the youngest Cardinal feels whether it be a Man; the former *Platina* won't deny, the latter he thinks is only to put them in mind of their Humanity, that though so highly exalted, they are still but men. These things I confess were possible, saith he, and therefore I have set them down, rather then obstinately omit what almost all affirm. She sat 2 years, one month and 4 days, and before him *Fasc. Temp.* owns the thing, and says, this was the sixth Pope who had the name of Holiness, but not Holy; and therefore was cast out of the Catalogue of Popes, and who please may find 30 Authors quoted for the Truth of this story, by Bp. *Godwin* p. 688.

October hath xxxi days.

Last quarter the 5 day, 47 min. past 9 at night.
New moon the 12 day, 41 min. past 10 at night.
First quarter 20 day, 43 min. past 10 at night.
Full moon the 28 day, 26 min. past noon.

1	A	17 after Trin.	18	17	Taur.	20	☽ Perigæon.
2	b	Leodegar	19	17	Gem.	4	Mild weather
3	c	Æthelburg	20	17		18	for the season
4	d	Francis	21	16	Canc.	2	of the year.
5	e	Constance	22	16		16	
6	f	Fides Vir.	23	16	Leo	0	☌ ☉ ♆.
7	g	Marcus, &c.	24	15		14	□ ☉ ♄.
8	A	18 after Trin.	25	15		28	☽ ☊.
9	b	Dionysius	26	15	Virgo	12	☌ ♄ ♆.
10	c	Burchard.	27	15		26	High winds.
11	d	Gideon	28	15	Libra	10	
12	e	Colman	29	15		23	△ ♄ ☿.
13	f	Sun in Scorp.	0	15	Scorp.	6	☌ ♆ ☿ ☽
14	g	Calixtus	1	15		19	with some rain
15	A	19 after Trin.	2	15	Sagit.	2	
16	b	Gallus	3	15		14	
17	c	Florent.	4	15		26	☽ Apogæon.
18	d	S. Luke Evan.	5	15	Capr.	8	
19	e	Ptolemy	6	15		20	
20	f	Tres Mich.	7	16	Aquar.	2	△ ♄ ☿.
21	g	Ursula	8	16		14	☌ ♆ ☿.
22	A	20 after Trin.	9	16		26	Cold & moist.
23	b	Term begins	10	16	Pisces	8	☽ ☋.
24	c	Magor &c.	11	17		20	
25	d	Crispin	12	17	Aries	3	
26	e	Amandus	13	17		17	Variable wea-
27	f	Mens. Mich.	14	18	Taur.	0	ther ends the
28	g	S. Si. & Jude	15	18		15	month.
29	A	21 after Trin.	16	19		29	
30	b	Theonest.	17	19	Gem.	13	
31	c	Wolfgang	18	20		28	

October 1699

Cambridge Term begins the 10 day, and then the *Proctors*, *Taxors* and *Scrutators* are chosen.

Magna Congregatio, or the Black Assembly on the 27 day.

Days of the month.	Sun rising.	and	Sun setting.
1	6	39	6
2	6	40	6
3	6	43	6
4	6	45	6
5	6	47	6
6	6	49	6
7	6	50	6
8	6	52	6
9	5	54	6
10	5	56	6
11	6	58	6
12	7	0	5
13	7	2	5
14	7	4	5
15	7	6	5
16	7	8	5
17	7	10	5
18	7	12	5
19	7	14	5
20	7	16	5
21	7	19	5
22	7	20	5
23	7	22	5
24	7	24	5
25	7	25	5
26	7	26	5
27	7	27	5
28	7	29	5
29	7	30	5
30	7	32	5
31	7	33	5

Hilarion, hearing of the fame of St. *Anthony* the first Eremite, when he was but 15 years old went into a wilderness, and there made him a Hut four foot in breadth, and five foot high, so that he could not stand upright, nor lie at length; and here (as some will tell you) he wrought miracles of all sorts, but I had rather tell you that his chief Imployment was, after his Prayers and Psalms, to repeat the Holy Scriptures which he had got very perfect; his clothing was Sackcloth, and which he never shifted so long at it would last, and over that a skin which S. *Anthony* had given him; his Food, which he never took till Sun-set, was dry figs, and juice of herbs; for 6 years his dayly food was only a pint of Lentiles, softned in cold water, the next 3 years he eat dry bread with salt and water, the next 3 years wild herbs, and the roots of young plants, the next 5 years 6 ounces of Barley-bread and a little Colewort; after he was 35 years old, perceiving himself decay, he was forced to add a little Oyl to his former diet, and so he continued till 63 years, and then left off eating bread. Under *Julian* they would have put him to death, but he fled and lurking up and down, at last died. And are not these wonderfull qualifications for a Saintship? When God fitted the Manna to every mans taste, he did in that teach us that we may please our innocent appetites, and not reject those things which he designed for our comfort.

November hath xxx days.

Laſt quarter the 3 day, 25 min. paſt 8 at night.
New moon the 11 day, 43 min. paſt 2 afternoon.
Firſt quarter the 19 day, 37 min paſt 6 at night.
Full moon the 27 day, 3 min. in the morning.

1	D	All Saints	19	20	Canc	13	Good mode-
2	E	Omn. Anim.	20	21		27	☽ Perigæon
3	F	Craſt. Anim	21	22	Leo	11	rate weather.
4	G	K. W. 3. born	22	22		25	☌ ☉ ☿. ſeaſon
5	A	Powder Plot	23	23	Virgo	9	☒ ♄ ☿. conſ-
6	B	Leonard	24	24		23	☒ ☽ ♄. derd.
7	C	Florent.	25	25	Libra	0	☒ ♄ ☿.
8	D	Severus	26	25		19	
9	E	Theodoſe	27	26	Scorp.	2	
10	F	Martin P.	28	27		15	✶ ♂ ♀.
11	G	Martis Ep.	29	28		28	☒ ☿ ♂.
12	A	Amin Sagit.	0 ♐	29	Sagit.	10	✶ ☉ ♂ ☽.
13	B	Craſt. Mart.	1	30		22	☌ ☉ ☿.)
14	C	Frederic	2	30	Capr.	4	Variable
15	D	Leopald	3	31		16	
16	E	Othmarus	4	32		28	☽ Apogæon.
17	F	Antanus	5	33	Aquar.	10	☌ ♀ ☿.
18	G	Octab. Mart.	6	34		22	weather.
19	A	24 after Trin.	7	35	Piſces	4	
20	B	Eugenius	8	36		16	☽ ☋.
21	C	Obl. t. V.M	9	37		29	Windy and
22	D	Cecilia	10	38	Arles	12	moiſt.
23	E	Clement	11	39		25	
24	F	Chryſogon.	12	40	Taur.	9	
25	G	Quind. Mart.	13	41		23	Cold & incli-
26	A	25 after Trin.	14	43	Gem.	7	ning to froſt.
27	B	Gunther	15	44		22	
28	C	Term ends	16	45	Canc.	7	✶ ♄ ☿.
29	D	Saturn	17	46		22	☽ Perigæon.
30	E	S. Andrew	18	47	Leo	7	

The Vice-Chancellour lays down his Office the 3 day.

Days of the month.	Sun rises.	Sun sets.	
1	7 35	5	*Catherine* when she was but 22 years old, she
2	7 37	5	was very religious, and very learned, so that
3	7 39	5	*Maxentius* not being able to hold discourse
4	7 41	5	with her, sent for 50 Philosophers, she was too
5	7 43	5	hard for them all, and brought them to be
6	7 45	5	Christians, for which they were burnt, and she
7	7 47	5	put in prison, where the Queen and the Gene-
8	7 49	5	ral making her a visit, she converted them;
9	7 51	5	the Emperour in a great rage caused 4 Wheels
10	7 52	5	to be made full of Iron spikes, and with them
11	7 54	5	some turning one way, and some the other,
12	7 55	5	to tear her in pieces; but an Angel coming to
13	7 57	5	her assistance, the wheels flew asunder, and
14	7 58	5	slew 4000 of the Heathens; upon which she
15	8 59	4	was beheaded; and in token of her being a
16	8 0	4	Pure Virgin, in stead of bloud, milk issued out
17	8 1	4	of her veins, (a pretty way to know a Virgin,
18	8 2	4	do but open a vein, and if milk come out in
19	8 3	4	stead of bloud, you may be sure of Virginity.)
20	8 4	4	She was carried by Angels to Mount *Sinai*,
21	8 5	4	where many miracles were wrought; all this
22	8 6	4	is gathered from the Lessons and Prayers of the
23	8 7	4	old Brev. part of which is still in the New, a
24	8 8	4	little mir ced; some are angry that *Eusebius* takes
25	8 9	4	no notice of this formal story, but I can't help
26	8 10	4	it, and if as they say, the Deceived did direct
27	8 11	4	him from writing of it, the devil or he must
28	8 12	4	answer for it; but who shall answer for the
29	8 13	4	other Writers, who for a thousand years took
30	8 14	4	no notice of her.

December hath xxxi days.

Last quarter the 3 day, 11 min. past 8 in the morning.
New moon the 11 day, 51 min. past 8 in the morn.
First quarter the 19 day, 56 min past noon.
Full moon the 26 day, 58 min. past 10 before noon.

1	f	Eligius	19	49	Leo	21	☌ ♄ ☿.
2	g	Libanus	20	50	Virgo	6	Indifferent
3	a	Advent Sund.	21	51		19	☽ ☊. good
4	b	Barbara	22	52	Libra	3	☌ ☿ ☿. warth
5	c	Sabina	23	53		16	at the begining
6	d	Nicholas	24	55		29	
7	e	Agath, M.	25	56	Scorp.	12	
8	f	Concep B.V.	25	57		24	☌ ☉ ♄.
9	g	Cyprian	27	58	Sagit.	7	☌ ♃ ☿.
10	a	2 sun. in Adv.	29	0		19	
11	b	Sun in Capr.	0♑	1	Capr.	1	
12	c	Malrein	1	2		13	☽ Arogæon.
13	d	Lucis, Virg.	2	4		25	△ ☌ ☿.
14	e	Nichasius	3	5	Aquar	7	Turbulent
15	f	Cotidiam	4	6		19	with some
16	g	O Sapientia	5	7	Pisces	0	snow or rain.
17	a	3 sun. in Adv.	6	9		12	☽ ♈.
18	b	Gatian	7	10		25	
19	c	Nath	8	11	Aries	7	
20	d	Ember week	9	13		20	☌ ☉ ♈.
21	e	S. Thomas	10	14	Taur.	3	Cold with
22	f	30 Mart.	11	15		17	frost.
23	g	Victor	12	17	Gem.	1	△ ☌ ☿.
24	a	4 sun. in Adv.	13	18		13	
25	b	Christmas day	14	19	Canc.	0	
26	c	S. Stephen	15	20		15	
27	d	S. John	16	22	Leo	0	☽ Perigæon.
28	e	H. Innocents.	17	23		15	Good weather
29	f	Jonathas	18	24	Virgo	0	☽ ☊. for the
30	g	David	19	25		15	☌ ☿ ☿. season
31	a	1 sun. aft Chr.	20	27		29	of the year.

Cambridge Term ends the 16 day.

Days of the month	Sun rising	Sun setting
1	8	14 4
2	8	14 4
3	8	15 4
4	8	15 4
5	8	15 4
6	8	15 4
7	8	16 4
8	8	16 4
9	8	16 4
10	8	17 4
11	8	17 4
12	8	17 4
13	8	17 4
14	8	17 4
15	8	17 4
16	8	16 4
17	8	16 4
18	8	16 4
19	8	15 4
20	8	15 4
21	8	15 4
22	8	14 4
23	8	14 4
24	8	13 4
25	8	12 4
26	8	11 4
27	8	10 4
28	8	9 4
29	8	8 4
30	8	7 4
31	8	6 4

O *Sapientia*, I have often ſearched and cannot find this Saint, ſome ſay, ſhe was one of *Urſula's* 1100 Virgins, and ſo ſhe might for ought I know, ſome rather think it refers to ſome Service which began on that day with theſe words, (*O Sapientia quæ ex ore altiſſimi prodidiſti, &c.*) in order to the uſhering in of the following Chriſtmas with the more ſolemn manner, till I can give a better Account of it be thankfull for this.

St. *Thomas*, the Hand which was thruſt into Chriſts ſide, would never be confined in his Tomb, but always lay without, and good reaſon, for that Hand had this Virtue, that if the Prieſt as he went to Maſs, did put a branch of a vine into it, it would put forth Grapes, and before the Goſpel was ended they would be ripe and fit for the Prieſt to ſqueeze into the Chalice, and with it they uſed to communicate the peoples Feſtivals; a cheap way of getting wine for the Sacrament, and in thoſe places ſpoils the Argument which was uſed in the Council of *Trent* for the Communion in one kind becauſe chargeable.

A Regal Table in a more exact manner.

The Year, Month, and Day, (accounting the Year to begin Jan. 1.) whereon every King and Queen of [illegible] since the Conquest began their reign					The number of Years, Months, and Days, that every K. and Q. reigned 28 da. to a month.						The num. of Y. expired in this Y. since they began to reign: as also since they ended.	
K. W. Conq.		1066	Octob.	14	20	y	11	m	22	d	633	
W. Rufus		1087	Sept	9	12	y	11	m	18	d	612	K. W. Conq.
Henry	1	1100	August	1	35	y	4	m	11	d	599	W. Rufus
Steven		1135	Decem.	2	18	y	11	m	18	d	564	Henry 1
Henry	2	1154	Octob.	25	34	y	9	m	2	d	545	Steven
Richard	1	1189	July	6	9	y	9	m	0	d	510	Henry 2
John		1199	April	6	17	y	7	m	0	d	500	Richard 1
Henry	3	1216	Octob.	19	56	y	1	m	0	d	478	John
Edward	1	1272	Nov.	16	34	y	8	m	6	d	433	Henry 3
Edward	2	1307	July	7	19	y	7	m	5	d	392	Edward 1
Edward	3	1327	Jan.	25	50	y	5	m	7	d	372	Edward 2
Richard	2	1377	June	21	22	y	3	m	14	d	321	Edward 3
Henry	4	1399	Sept.	29	13	y	6	m	3	d	300	Richard 2
Henry	5	1413	March	20	9	y	5	m	24	d	286	Henry 4
Henry	6	1422	August	31	38	y	6	m	16	d	277	Henry 5
Edward	4	1461	March	4	22	y	1	m	8	d	238	Henry 6
Edward	5	1483	April	9	0	y	2	m	18	d	216	Edward 4
Richard	3	1483	June	22	2	y	2	m	5	d	216	Edward 5
Henry	7	1485	August	22	23	y	10	m	24	d	214	Richard 3
Henry	8	1509	April	22	37	y	10	m	2	d	190	Henry 7
Edward	6	1547	Jan.	28	6	y	5	m	19	d	153	Henry 8
Q. Mary		1553	July	6	5	y	4	m	22	d	146	Edward 6
Q. Elizabeth		1558	Nov.	17	44	y	4	m	15	d	141	Q. Mary
James	1	1603	March	24	22	y	0	m	3	d	97	Q. Elizabeth
Charles	1	1625	March	27	22	y	10	m	3	d	74	James 1
Charles	2	1648	Jan.	30	36	y	0	m	0	d	50	Charles 1
James	2	1685	Febr.	6	4	y	0	m	0	d	14	Charles 2
William	3	1688	Febr.	13	Whom God grant long to Reign.						10	James 2
Mary	2											

The Use of the Table in Example.

King *Henry* 8 began his Reign in the Year of *Christ* 1509. *April* 22 He reigned 37 years, 10 months, and 2 days. It is since he began his Reign 190 Years compleat the 22 of *April* this Year 1699. Now to know the time since the end of his Reign before his Name standing on the right hand, you shall there find 153 Years since he died, *Jan.* 28. and so of the rest.

DOVE

Dove 1699.

The latter part of this ALMANACK

For the year of our Lord God 1699:

Being 3d after Biſſextile or Leap-year.

Wherein are contained the Eclipſes, the Suns entrance into the 4 Cardinal Signs. A Tide-Table. An Account of the Motion of the Earth. A Table of Weights and Meaſures both *Engliſh* and Forreign, and of Forreign Coins, alſo Tables of Reverſion for Renewing and Purchaſing of the Leaſes of Cathedral Churches and Colleges, with other uſefull Things and Tables.

Quoniam videbo Cælos tuos opera digiterum tuorum: Lunam & Stellas quæ tu fundaſti, quid eſt homo, quod memores ejus? aut filius hominis, quoniam viſitas eum, Pſal. 8. 3.

CAMBRIDGE.

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The Eclipses for the year 1699.

FOur times will the Luminaries of Heaven be Eclipsed this year, twice the Sun, the Moon as often.

The first will be an Eclipse of the Moon, on *March* the 5th day, at 8 of the Clock at night, in 2 degrees of the Celestial Virgin; it will be visible if the Air be clear, and Ten parts of the Moons body will be darkned.

The second will be of the Sun, on *March* the 21, about Eight in the Morning; it happens in 11 degrees of Aries, it will be but a small Eclipse, and scarcely visible to us.

The third will be an Eclipse of the Moon, on *August* the 30th day near noon, and therefore must be invisible to us in *England*; it is Celebrated in 17 degrees of the Celestial Fishes, and will be a total and visible Defect unto such as inhabit our Antipodes.

The last will be of the Sun, on *September* the 13th. about 11 before noon, and it is Celebrated in the beginning of Libra. It will be a great and visible Eclipse, and ten Digits of the Suns body will be darkned. It's observable also, that at the time of this Eclipse, there happens an Opposition of the two Infortunes, ♄ and ♂, from ♎ and ♈, which will notably aggravate the Effects thereof.

The Suns entrance into the four Cardinal Signs.

HE enters ♈, *March* the 11, 33 minutes past 10 in the morning, and then begins our Spring Quarter.

He enters ♋ *June* the 13, 3 minutes past noon, and then begins our Summer Quarter.

He enters ♎, *September* the 14, 1 minute past 4 in the afternoon, and then begins our Autumn.

He enters ♑, *December* the 13, 53 minutes past 3 in the morning, and then begins our Winter Quarter.

A

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Portsmouth, Isle of Wight, Spits; Kentish-knock.	Ho.	M.
S. by W.	Rochester, Malden, Aberdeen, Redband.	0	45
S S. W.	Gravesen. Downs, Rumney Tennet, Silly.	1	30
S w. by S.	Dundee, S. Andr. S Lucas, Bell Isle, Holy Isl.	2	15
S. W.	Lond. Tinmout. Hartpool, Whitebay, Amf.	3	0
S w by W.	Barwic, Flambrough-h. Bridlington-bay.	3	45
W. S W.	Scarborough, Severn, Mounts-bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5	15
E. and W	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	0
E. by S.	Bristol Foulness at the Start.	6	45
E S. E.	Milford, Bridgew. Landsen. Waterford.	7	30
S E. by E	Portlan. Peterport, Harflew, Hague, Dubl.	8	15
S S. E.	Pool, S. Hellen, Orkney, Caines, Man-Isle,	9	0
E. by S.	Needles, Laisto, North & South forelands	9	45
S. S. E.	Yarmout. Dover, Harwich, Calice-Road.	10	30
S by E.	Ry, Winchelsey, Goree, Thames, Rhodes	11	15

Moons age.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moon age
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
South at	12	1	2	3	4	5	6	7	8	8	9	10	11	12		H.
	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0.	M.

The Tide Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The 14th of *February*, this Year 1699. I would know at what hour it will be full Sea at London-bridge. First, I find the Moons age in the former part of the Almanack (accounting it from the Change) to be 24 days old, which age I find at the bottom of the Tide table, and under the same 47 hours 12 min. the time of the Moons coming to the South; then finding in the first Column that a South-west Moon makes full Sea at *London*, I add to her southing 3 hours, as is shewed in the last Column, and it makes 10 hours, 12 min. at night, the time of full Sea at London-Bridge; also observe that when the Moon cometh to the contrary (or North-east) point it is there full Sea again. Note, that Land flouds, Spring-tides, and contrary winds, make it sooner or later about an hour.

Arguments proving the Motion of the Earth.

ACcording to *Ptolomy*, the whole Heaven of the fixed Stars is whirled about the Earth in a Day, making its motion from East to West, the Earth according to him, resting in the Center of the Universe: but according to *Copernicus*, the earthly Globe turns about its own Axis from West to East, performing its Revolution in 24 hours; *Ptolomy* also would have the Sun to run through the Zodiack in a Year, but *Copernicus* rather thinks, that our Earth performs its Revolution under the Ecliptick in the same space of time: *Ptolomy* also says, that the Moon performs her Revolution in the Zodiack in a month, and *Copernicus* would have the Orb of the Moon to be carried by the Earth, and her body also to perform the Course in her own Circle.

Now

Now notwithſtanding theſe differences in the Motions and deſcriptions of the Spheres and Heavenly bodies, yet are their Appearances much the ſame, whether the Sun, Earth, or fixed Stars do move or ſtand ſtill.

For although their Motions and Scituations in each Syſtem, are contrary to one another, yet do they differ no more among themſelves, then the Way from *Cambridge* to *London*, doth differ from the way from *London* to *Cambridge*; for although they that travel from *Cambridge* to *London*, go contrary to them that travel from *London* to *Cambridge*, yet is the Way the ſame: So the Ptolomaick and Copernican Spheres are contrary to one another, as to their Hypotheſis, yet do they ſhew the ſame thing in the Heavens, there are the ſame appearances

And ſeeing the Appearances are the ſame, it may be required, why *Copernicus* rejecting the Ptolemaic Syſtem, ſhould go about to deviſe a New one of his own; the Anſwer will be, that *Ptolomy* had reſpect only to the bare Motion of the Heavens, but *Copernicus* did not only regard the Motions, but alſo the Cauſes of them, and ſo hath built his Hypotheſis upon ſubſtantial Reaſon, as in the Sequel will appear.

The firſt Argument which we ſhall alledge for the Motion of the Earth, ſhall be from the magnitude of the Spheres, taking it for granted, that thoſe ſtars or Planets which are placed in leſſer Spheres, do move more ſwiftly then thoſe which are placed in greater, which by obſervation is moſt evident, for the Moon who is placed in the leaſt of all the Spheres, performs her Revolution in a Month. Mercury who is placed in a Sphere next greater performs his Revolution in 80 days. Venus who is in the Sphere next above, performs her Revolution

in 9 months, then the Sun or the Earth in a Year, Mars in two Years; Jupiter in 12 years; Saturn who is in the greatest Sphere, performs his Revolution in thirty years; but the Sphere of the fixed ſtars being almoſt infinitely higher then the ſphere of Saturn, and ſo conſequently ſo much greater, either muſt move not at all, or elſe ſloweſt of all; ſo that it ſeems very abſurd, to attribute the ſwifteſt motion to this Sphere, ſuppoſing it to compleat its Revolution in a day or 24 hours; and this will better appear, if you conſider, that the diſtance of the Sun from the Earth, or the Earth from the Sun is but 1438½ ſemidiameters of the Earth, but the diſtance of the Sphere of the fixed ſtars from the Sun is 10302927 of the ſame Semidiameters, one of which is uſually reckoned to be 859½ *German* miles, ſo that the Semidiameter of the fixed ſtars will then be 8850729439 *German* miles, and the Circumference 55628461617 of the ſame miles, which divided by 24, gives 2317852692 *German* miles, for the ſpace which the fixed ſtars runs in an hour, and in a minute 38630878 of the ſame miles, and in a moment, or the ſixtieth part of a minute almoſt 643848 of the ſame miles, which muſt be of ſuch a prodigious ſwiftneſs as none can imagine it poſſible, that a Phyſical body ſhould run through ſuch a vaſt ſpace, in ſo little a time. But the Circumference of the Earth is but 5400 *German* miles, which divided by 24, gives 225 of the ſame miles for the motion of the Earth in an hour, and in a minute 3¾ of *German* miles, but in a moment, but the ſixteenth part of one of thoſe miles, which is as ſwift as a bullet out of a Gun, and ſo the motion hath a juſt and convenient proportion to the time it moves in. So likewiſe to inſtance in the motion of Saturn, the Circumference of whoſe Sphere is ſuppoſed to be 80358093 *German* miles, which divided by 24 gives 3348253 of the ſame miles for the

motion

motion of Saturn in an hour, and the division com-
pared by 60, you will find that he moves than
930 *German* miles in a moment, or the six-
tieth part of a minute, the proportion of the
space it moves being so unequal to the time
it moves in, as cannot be imagined, that a bo-
dy should move so swiftly; therefore we will
conclude that the diurnal motion is not to be at-
tributed either to the Sphere of the fixed stars,
or to the Sphere of Saturn, or to any other of
the Spheres, but to the Earth about its own
Axis, which moves but the sixteenth part of a
German mile in a moment as was said before,
and therefore the motion of the Earth is most
agreeable to reason.

The second Argument for the Earths motion
is this, *viz.* If the motion of the Earth about
its own Axis be not admitted, one and the same
Sphere must move East and West at the same
time, but supposing the diurnal conversion of
the Earth about its own Axis, this absurdity
will be taken away, although according to the
appearance of the Heavens, they may seem so
to do, yet is the diurnal motion not to be at-
tributed either to the fixed Stars, or to the Pla-
nets, but to the Earth, for that moving east-
ward, doth cause us to think that the whole
systeme of the Planets, and Sphere of the fixed
Stars do move westward, whereas indeed every
Sphere has but one motion really, and that

from West to East, the other motion from East to West is only so in appearance, caused by the diurnal motion of the Earth from West to East, like as those which are sailing from West to East, those things which are without the ship upon Land, or upon the Sea, do seem to go the contrary way, although perhaps they may not move at all, or else the same way. There be several other Arguments, but I have not here room to produce them: As for the ponderosity of the Globe of the Earth, which is brought as an Objection against its motion, that doth rather prove the motion thereof; for things that are ponderous will not rest in the Air without motion.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	MAKE	1 Peny w.
20 Peny weig.	MAKE	1 Ounce.
12 Ounces	MAKE	1 po. *Troy*

Apothecaries Weight.

20 Grains	MAKE	1 Scruple.
3 Scruples	MAKE	1 Dram.
8 Drams	MAKE	1 Ounce.
12 Ounces	MAKE	1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the Name of Garbel in this kind of weight.

16 Drams	MAKE	an Ounce.
16 Ounces	MAKE	a Pound.
28 Pound	MAKE	1 Quarter.
4 Quarters	MAKE	1 H or 112
20 Hundreds	MAKE	1 Tun.

Of Liquid Measure

2 Pints	MAKE	1 Quart
2 Quarts	MAKE	1 Pottle.
2 Pottles	MAKE	1 Gallon
8 Gallons	MAKE	1 Firkin of Ale, Sope, Herrings
9 Gallons	MAKE	1 Firkin of Beer.
10 Gall. ½	MAKE	1 Firkin of Salmon or Eels.
2 Firkins	MAKE	1 Kilderkin
2 Kilderk.	MAKE	1 Barrel.
42 Gallons	MAKE	1 Tierce of Wine.
63 Gallons	MAKE	1 Hogshead
2 Hogsh.	MAKE	1 pipe, Butt.

Dry Measure.

2 Gallons	MAKE	1 Peck.
4 Pecks	MAKE	1 Bushel land meas.
5 Pecks	MAKE	1 Bushel wat. meas.
8 Bushels	MAKE	1 Quarter.
4 Quarters	MAKE	1 Chalder.
5 Quarters	MAKE	1 Wey.

Long Measure.

3 Barly Corns	MAKE	1 Inch.
12 Inches	MAKE	1 foot.
3 feet	MAKE	1 Yard.
3 feet 9 Inch.	MAKE	1 Ell.
6 feet	MAKE	1 fathom
5 yards and ½	MAKE	1 Pole.
40 Poles	MAKE	1 furlong.
8 furlongs	MAKE	1 *En.* mile

Land Measure.

3 Pole in breadth and 40 in length make a Rood of Land
4 Roods make an Acre, wch contains 160 square Pole.

Cloath Measure.

4 Nails	MAKE	1 Quarter.
4 Quarters	MAKE	1 Yard.
5 Quarters	MAKE	1 Ell.
3 Quarters	MAKE	1 Ell *Flem.*

The value of Forreign Coins in Engliſh *money.*

	lb.	ſh.	d.
Hebrew Talent in Gold	4500	0	0
Hebrew Talent in Silver	375	0	0
Alexandrian Talent	275	0	0
Ægyptian Talent	250	0	0
Babylonian Talent	208	15	0
Attick Talent	187	10	0
Seſtertium of *Rome*	7	16	3
A Shekel	0	2	6
Argenteus	0	2	6
A Drachma	0	0	7½
A Rubble	0	13	4
A Sultany	0	7	6
A Ducat	0	6	8
A *French* Crown	0	6	6
A Xeriffe	0	6	0
A Rix-doller	0	4	8
A Floren	0	3	0
A Frank	0	2	0
A Livre at *Paris*	0	1	6
A Gilder	0	2	0
A *Spaniſh* Real	0	0	6
A Sous	0	0	1½
A *Turkiſh* Aſper	0	0	1½
A Maravidis	0	0	0½

5 Stivers are equal to 6 pence Sterling, 6 Stivers are a Flemiſh Shilling, 20 Stivers or Solds Flamois make a Gilder, and 120 Stivers make a Livre or pound Flemiſh, which is reckoned equal to 12 ſhillings Sterling. The Ducatoons are equal to 10 Dutch ſhillings or 60 Stivers; Patatoons are equal to 48 Stivers or 8 Dutch Shillings, 8 Doits make a Stiver. The weight called a Quintal is 104 pound, in ſome places 108.

Weights & Meaſures mentioned in Scripture.

A Shekel in weight ¼ of an Ounce.
Shekel of the Sanctuary ½ an ounce.
A Talent 62 pounds.
A Pound 12 ounces.
A Mules burthen 200 weight.
A Log half a pint.
A Hin 3 quarts.
A Bath 9 Gallons 3 quarts.
A Pot or Sextary, a pint and an half.
A Meaſure or Chenix, a quart.
A Firkin 4 Gallons and an half.
A Kab, a quart.
An Omer 3 pints & an half.
A Meaſure or Seah a gallon & an half.
An Epha, half a Buſhel and Pottle.
Half Homer or Lethec, 7 buſhels & quart.

A

A plain and eaſie Table ſhewing the true Intereſt due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

	1 month.			3 months			6 months			9 months			1 Year.		
	lb.	*p.*	*q.*	*lb.*	*p.*	*q.*	*lb.*	*p.*	*q.*	*lb.*	*p.*	*q.*	*lb.*	*p.*	*q.*
Shil. 5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	2
Pounds. 1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	1	1	6	3	1	8	4	1
8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	2
	lb.	*lb.*	*p.*	*lb.*	*lb.*	*p.*	*lb.*	*lb.*	*p.*	*lb.*	*lb.*	*p.*	*lb.*	*lb.*	*p.*
Tens of Pounds. 10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	-	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	12	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the Principal in the firſt Columne, and in the other you have the Intereſt due for one, three, ſix, nine, or twelve months.

The

Tables of Reverſion for Renewing a Leaſe of 20 years, according to any number of years within that time Lapſed, at 12lb 6s, at 11lb 11s 8d, and at 6lb *per cent.*

The Fine for Renewing.	1 years value for 7 y. lapſed is at 12lb 6 *p. c.*	12lb 6 *p. c.* Years	Quarters	Months	Weeks	11 11 8 *p. c.* Years	Quarters	Months	Weeks	at 6lb *p. c.* Years	Quarters	Months	Weeks
1		0	0	1	0	0	0	1	1	0	1	0	3
2		0	0	2	2	0	0	2	3	0	2	1	3
3		0	1	3	0	0	1	1	2	0	3	2	3
4		0	1	3	3	0	2	0	1	1	1	1	2
5		0	2	4	1	0	2	2	2	1	3	0	0
6		0	3	0	2	0	3	2	2	2	0	2	0
7		1	0	0	2	1	0	1	2	2	2	1	2
8		1	0	2	3	1	1	1	1	3	0	1	0
9		1	1	2	3	1	2	1	2	3	2	1	0
10		1	3	0	0	1	3	2	0	4	0	1	1
11		2	0	1	0	2	1	0	0	4	2	2	0
12		2	1	2	0	2	2	1	2	5	1	0	1
13		2	3	0	2	3	0	0	2	5	3	1	3
14		3	1	0	0	3	2	0	0	6	2	1	0
15		3	3	0	0	4	0	0	1	7	1	0	0
16		4	1	0	3	4	2	1	1	8	0	0	0
17		4	3	2	0	5	1	0	0	8	3	0	2
18		5	2	1	3	5	3	2	2	9	2	1	0
19		6	1	2	0	6	3	0	1	10	2	1	1
Total value	20	7	1	0	3	7	2	2	0	11	1	2	3

The firſt part of this Table is calculated at 12 lb 6 ſh. *per cent.* ſo that the time for renewing 7 years Lapſed is juſt 1 years value. The ſecond part is calculated at 11 lb. 11 ſh. 8 d. *per cent.* (which is the rate that is obſerved in a Leaſe of 21 years, when 1 year

va-

Tables of Reversion for Renewing a Lease of 10 years according to any number of years within that term Lapsed at 17 lb 5 sh. at 10 lb. and at 6 lb. *per cent.*

The time for Renewing.	17 lb 5 s. *p. c.*				10 lb *per c.*				6 lb *per cent*			
Y. Lapsed	Years	Quarters	Months	Weeks	Years	Quarters	Months	Weeks	Years	Quarters	Months	Weeks
1	0	0	2	1	0	1	1	2	0	2	0	3
2	0	0	2	0	0	3	0	3	1	0	1	3
3	0	2	2	0	1	1	0	1	1	3	1	1
4	1	0	1	0	1	3	0	2	2	1	2	1
5	1	1	1	2	2	1	1	1	3	0	1	3
6	1	3	0	3	2	3	2	3	3	3	1	3
7	2	1	1	2	3	2	2	0	4	2	2	1
8	2	3	2	1	4	1	2	3	5	2	0	1
9	3	2	2	0	5	0	2	3	6	1	2	0
Total value	10	4	2	0	6	0	1	3	7	1	1	3

value is to be given for 7 years run out) so that the fine for renewing 7 years Lapsed according to this rate of interest, is 1 year, 1 month, and 2 week's value: The third part of the Table being calculated at 6 lb. *per cent.* the fine for renewing 7 years Lapsed is 2 years, 3 quarters, 1 month, and 2 week's value; and so as the rate of interest decreaseth, the fines both for Renewing and Purchasing increase.

In a Lease for 10 years, they usually give 1 years value for 4 years Lapsed, and then the Tenant hath 17 lb. 5 sh. *per cent.* profit for his money, as the Table shews; but if he gives 1 year, 3 quarters 2 months, 2 week's value to renew the same, he hath but 10 lb. *per cent.* &c. So the value of a Lease for 10 years at 17 lb. 5 sh *per cent.* is 4 years 2 quarters, 2 months, and 1 week's purchase; but at 6 lb. *per cent.*

What 1 lb. Annuity to continue any number of years under 1 is worth in ready money.			The Reversion of 1 lb. for any number of years under 31 at 6 *per cent.*		
lb.	lh.	d.	Y	lh.	d
0	18	1	1	18	10
1	16	8	2	17	9
2	13	5	3	16	9
3	9	3	4	15	10
4	4	3	5	14	11
4	18	4	6	14	1
5	11	7	7	13	4
6	4	2	8	12	6
6	16	0	9	11	10
7	7	2	10	11	2
7	17	8	11	10	7
8	7	8	12	9	11
8	17	0	13	9	5
9	5	10	14	8	10
9	14	3	15	8	7
10	2	1	16	7	10
10	9	6	17	7	6
11	16	6	18	7	0
11	3	2	19	6	7
11	9	4	20	6	3
11	15	3	21	5	10
12	0	10	22	5	7
12	6	0	23	5	3
12	11	0	24	4	11
12	15	8	25	4	8
13	0	0	26	4	5
13	4	2	27	4	2
13	8	1	28	3	10
13	11	9	29	3	9
13	15	3	30	3	6

A Table for renewing a 21 years Leafe.

Years past	Years	Quarters	Q. Q.
1	0	0	1
2	0	0	3
3	0	1	1
4	0	1	3
5	0	2	2
6	0	3	0
7	1	0	0
8	1	0	3
9	1	1	3
10	1	2	3
11	2	0	0
12	2	1	1
13	2	2	3
14	3	0	2
15	3	2	1
16	4	0	2
17	4	2	3
18	5	1	1
19	6	0	1
20	6	3	2
21	7	3	0

cent. it is worth above 7 years purchase, and at 10 lb. *per cent.* it is worth above 6 years value.

The Table for Renewing a 21 y. Leafe is made upon the grounds of giving 1 y. value to renew 7 years lapsed, which is observed by Bishops, Deans, and Chapters, Heads & Fellows of most Colleges in letting their leases, and in so doing they allow their Tenants above 11 lb. *per cent.* profit for their money; so if 14 y. be lapsed then the Table shews that 3 years, & 2 quarters of a quarters value is to be given to renew the same at the same rate of interest, and so for more or fewer years lapsed.

The use of the Table of Reversion of 1 lb. is thus, suppose an Estate is mortgaged for 20 years whose real value or fee simple is 100 lb. then what is the Reversion thereof worth after 20 years, for answer I look against 20 y. and find that the Reversion of 1 lb. is but 7 sh. then I say if 1 lb. give 7 sh. what will 100 lb. give? Answer, 35 lb. which is the worth of the Reversion required at 6 *per cent.*

A

A Table shewing how many Bishopricks are in both Provinces of *England* and *Wales*, what Counties in every Bishoprick: How many Cities, Market-Towns, and Parishes are in every County, and how many Knights and Burgesses are chosen to serve in Parliament in every County.

Bishopricks.	Counties.	Cit.	M. T.	Par.	K. B.
Arch-Bishop. Canterbury	Kent	2	29	408	10
Rochester					
London	Middlesex,	2	4	154	8
	Essex,	0	21	415	8
	Hertford, part.	0	18	120	6
Lincoln	Lincoln	1	34	630	12
	Leicester	0	12	192	4
	Huntington	0	6	79	4
	Bedford	0	10	116	4
	Buckingham	0	15	185	14
Winchester	Hantshire	1	16	253	26
	Isle of *Wight*	0	0		
	Garnsey & *Jersey*	0	0		
	Surrey	0	7	140	14
Ely	*Cambridge*	1	9	163	6
	Isle of *Ely*				
Salisbury	*Wilts*	1	22	304	34
	Berks	0	12	140	9
Chichester	*Sussex*	1	16	312	20
Exeter	*Devon*	1	32	394	26
	Cornwall	0	21	161	44
Bath and Wells	*Somerset*	3	30	385	18
Norwich	*Norfolk*	1	26	668	12
	Suffolk	0	28	464	16
Worster	*Worcester*	1	11	152	9
	Warwick-sh. part	1	15	158	6
Coventry and Litchfield	*Stafford*	1	18	130	10
	Darby	0	9	106	4
	Salop part.	0	14	170	12

Hereford	Hereford	1	8	176	1
Oxford	Oxford	1	13	200	1
Glouceſter	Glouceſter	1	25	280	1
Peterborough	Northampton	1	13	326	1
	Rutland	0	2	48	2
Briſtol	Dorſet-ſhire	3	19	248	20
S. Davids	Pembrook	0	8	145	3
	Caermarthen	0	8	87	2
	Cardigan	0	4	64	2
	Brecknock	0	4	61	2
	Radnor	0	3	52	2
Landaffe	Glamorgan part.	0	8	118	2
	Monmouth	0	7	127	3
S. Aſaph	Monigom.	0	6	47	2
	Denbigh	0	4	57	2
	Flint part. & Merioneth	0	2	28	2
		0	3	37	1
Bangor	Carnarvan	0	6	68	2
	Angleſey	0	2	74	2

The Province of *York*.

York Arch-Biſ.	Nottingham	0	9	168	6
	York part.	1	48	563	29
Cheſter	Cheſter	1	13	68	4
	Lancaſter	0	26	61	14
	Flint part.	0			
	Denbigh part.	0			
Carliſle	Cumberland part.	1	15	58	6
	Weſtmorland	0	8	26	4
Durham	Durham	1	6	118	4
	Northumberl.	0	6	46	8

FINIS.